

ADAPTIVE VEHICLE COMMUNICATION CONTROLLED LIGHTING SYSTEM

Abstract

A vehicle safety system (10) includes a light source (32). A beam-forming assembly (34) is optically coupled to the light source (32). An object detection sensor (16) detects an object and generates an object detection signal. A controller (18) is coupled to the beam-forming assembly (34) and the object detection sensor (16). The controller (18) adjusts illumination output of the vehicle safety system (10) in response to the object detection signal.